SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic, yellow, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, screw terminal, Z=20-unit packaging

product designation design of the product product type designation product type designation product time manufacturer's article number • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied actuator number of command points 1 Actuator design of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element cound outer diameter of the actuating element plastic shape of the front ring plastic design of the front ring plastic black Holder material of the holder plastic Display number of LED modules General technical data product function positive opening yes product component light source No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value for the terminal edgree of protection NEMA rating shock resistance	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator of the supplied actuator 10 mumber of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element pouter diameter of the actuating element shape of the actuating element number of contact modules 1 Front ring product component front ring design of the front ring plastic color of the front ring plastic plastic plastic Plastic Plastic Standard material of the front ring plastic color of the front ring plastic plastic plastic plastic Standard material of the front ring plastic policy product component flont plastic plastic plastic Standard material of the holder Plastic Display number of LED modules 0 General technical data product tomponent light source No insulation voltage rated value degree of pollution type of voltage of the operating voltage AC/DC surge voltage resistance rated value feere of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product designation	Pushbuttons
product line manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element vellow number of contact modules Teront ring product component front ring design of the front ring product component front ring design of the front ring product component front ring design of the front ring product component front ring color of the front ring product component front ring design of the front ring plastic color of the front ring Disack Holder material of the holder Display number of LED modules O General technical data product component light source No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	design of the product	Complete unit
manufacturer's article number • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator • of the supplied actuator • of the supplied actuator sulfactuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element product extension optional light source shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element product component front ring design of the front ring product component front ring product component front ring product of the front ring material of the holder Display number of LED modules 0 General technical data product function positive opening product component light source No insulation voltage rated value 500 V degree of pollution street of terminal lip20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 8, 4, 4, 12, 13	product type designation	3SU1
of supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator number of command points 1 Actuator design of the actuating element	product line	Plastic, black, 22 mm
of the supplied holder of the supplied actuator asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 asu1600-0AB30-0AA0 Actuator design of the actuating element	manufacturer's article number	
of the supplied actuator number of command points Actuator design of the actuating element	 of supplied contact module at position 1 	3SU1400-1AA10-1FA0
number of command points Actuator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element yellow material of the actuating element round outer diameter of the actuating element 29.45 mm number of contact modules 1 Front ring Yes design of the front ring Atlanting Desaito Display material of the front ring Desaito color of the front ring Desaito color of the front ring Desaito Tound Display number of LED modules 0 General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value fedgree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	 of the supplied holder 	3SU1550-0AA10-0AA0
Actuator Button, flat principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element yellow material of the actuating element plastic shape of the actuating element 29.45 mm number of contact modules 1	of the supplied actuator	3SU1000-0AB30-0AA0
design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element number of contact modules Front ring product component front ring design of the front ring material of the holder Display number of LED modules O General technical data product function positive opening product component light source No insulation voltage rated value be of the lemminal type of voltage of the operating voltage surge voltage resistance rated value degree of protection NEMA rating I power of Ne I power will be the momentary contact type No plastic positive plastic plast	number of command points	1
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product extension optional light source color of the actuating element yellow material of the actuating element outer diameter of the actuating element number of contact modules Front ring product component front ring design of the front ring color of the front ring black Holder material of the holder Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage of the terminal degree of protection NEMA rating No plastic No product function positive opening product function positive opening product function positive opening product component light source protection class IP protection class IP protection NeMA rating No plastic No pla	design of the actuating element	Button, flat
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution support of the prost time of the prost time of the prosterior of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	principle of operation of the actuating element	momentary contact type
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shape of the actuating element outer diameter of the actuating element number of contact modules Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring material of the holder Plastic Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value e of the terminal degree of protection NEMA rating 1 Page 4 29.45 mm round 29.	color of the actuating element	yellow
outer diameter of the actuating element number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	material of the actuating element	plastic
number of contact modules Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value of the terminal degree of protection NEMA rating 1 Yes Pes Acyde Plastic Plastic Plastic Plastic O Ceneral technical data yes No Source No Source No Source Source Source Source Source Source Source Surge voltage resistance rated value Source	shape of the actuating element	round
product component front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value for the terminal degree of protection NEMA rating Yes Standard Plastic Plastic Plastic O Ceneral technical data Froduct component light source No insulation voltage rated value foo V AC/DC Surge voltage resistance rated value for kV Protection class IP fof, IP69, IP69, IP69(IP69K) for the terminal flags, AR, 4, 4X, 12, 13	outer diameter of the actuating element	29.45 mm
product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating Yes Standard plastic Standard Plastic Plastic Plastic O General technical data yes 0 Co Segmenal technical data product component light source No insulation voltage rated value Sou V degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value Source Source Source Source Source Standard Standa	number of contact modules	1
design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating Standard plastic Standard plastic plastic plastic Plastic Plastic Plastic Plastic Plastic Plastic Plastic O Ceneral technical data yes 0 0 General technical data product function positive opening Yes No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value for kV protection class IP of the terminal liP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	Front ring	
material of the front ring black Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product component front ring	Yes
color of the front ring Black	design of the front ring	Standard
material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating Plastic Plastic Plastic Plastic Plastic AC/DC No AC/DC SUBJECT AC/DC AC/DC SUBJECT AC/DC AC/DC SUBJECT AC/DC AC/DC AC/DC SUBJECT AC/DC	material of the front ring	plastic
Display Plastic Display 0 General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	color of the front ring	black
number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating 0 Ves No No Source No AC/DC Surge voltage resistance rated value 6 kV Protection class IP IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	Holder	
number of LED modules General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	material of the holder	Plastic
product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating Yes No No AC/DC SURGE OF PORT INFO (IP69K) IP66, IP67, IP69 (IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	Display	
product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating Yes No No AC/DC Surge voltage rated value 6 kV Protection class IP IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	number of LED modules	0
product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal lP20, clamping screw tightened degree of protection NEMA rating No No AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	General technical data	
insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal lP20, clamping screw tightened degree of protection NEMA rating 500 V AC/DC surge voltage resistance rated value 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	product function positive opening	Yes
degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product component light source	No
type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating AC/DC 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	insulation voltage rated value	500 V
surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	degree of pollution	3
protection class IP of the terminal lP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	type of voltage of the operating voltage	AC/DC
● of the terminal IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	surge voltage resistance rated value	6 kV
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	protection class IP	IP66, IP67, IP69(IP69K)
	of the terminal	IP20, clamping screw tightened
shock resistance	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	

according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
 according to IEC 60068-2-6 	10 500 Hz: 5g
for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10
Ailiam. aluquik	million (5 V, 1 mA)
Auxiliary circuit	Other allers
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts Connections/ Terminals	
	and the second s
type of electrical connection of modules and accessories	screw-type terminals Screw-type terminal
type of connectable conductor cross-sections	Sciew-type terminal
solid with core end processing	2x (0.5 0.75 mm²)
solid without core end processing	2x (1.0 1.5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
finely stranded with our end processing finely stranded without core end processing	2x (1,0 1,5 mm²)
at AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque with screw-type terminals	0.8 0.9 N·m
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	71.7 mm
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures,)

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-0AB30-1FA0-Z X90

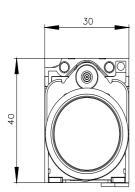
Cax online generator

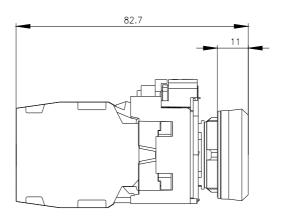
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB30-1FA0-Z X90

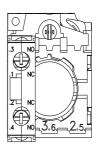
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB30-1FA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1100-0AB30-1FA0-Z X90&lang=en







last modified: 1/26/2022 **[**]